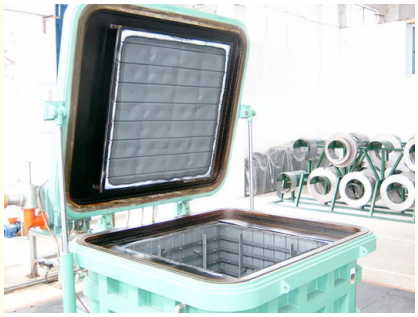
Transformer Wound Core Vacuum Annealing Furnace Vertical For Electric Insulation

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: JC
- Certification: SGS CE,UL
- Model Number: KFZ880
- Minimum Order Quantity: 1 pcs
- Price: consult
- Packaging Details: Export standard packaging
- Delivery Time: 3 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 100pcs/month



Product Specification

- Operation Pressure: Vacuum
- Pouring Pot Size Mm: 2200X3000
- Mixing Bowl: 300L
- Transport Package: Wooden
- Trademark: JC
- Drying Medium: Inactive Gas, Superheated Steam, Effluent Gas, Air
- Cooling System: Air Cooling System
- Furnace Chamber Material: High Quality Refractory Material
- Furnace Chamber Size: Customized
- Heating Element: High Quality Molybdenum Disilicide Heating Element
- Heating Rate: 0-20 /min
- Operation System: Touch Screen Control Panel
- Power Supply: AC380V/50Hz
- Product Name: Transformer Core Vacuum Annealing

More Images

Product Description

Transformer Wound Core Annealing Furnace (vertical)for Elecric insulation

A core special-purpose vacuum annealing furnace can be used to anneal a wide range of materials, including:
Steel: Vacuum annealing is commonly used for various types of steel, including carbon steel, stainless steel, tool steel, and alloy steel. Vacuum annealing helps to reduce oxidation and achieve desired mechanical properties, such as improved hardness, ductility, and dimensional stability.
Titanium and Titanium Alloys: Vacuum annealing is often employed for annealing titanium and its alloys to improve their ductility, reduce residual stresses, and enhance their corrosion resistance. The vacuum environment prevents the formation of undesirable oxides on the material's surface.
Nickel and Nickel Alloys: Nickel-based alloys, such as Inconel and Hastelloy, are frequently annealed in a vacuum to eliminate internal stresses, improve mechanical properties, and enhance resistance to corrosion and high-temperature environments.
Copper and Copper Alloys: Vacuum annealing is employed for copper and copper alloys, such as bronze and brass, to improve their electrical conductivity, eliminate impurities, and relieve stresses introduced during manufacturing processes.
Aluminum and Aluminum Alloys: Vacuum annealing can be used for aluminum and its alloys to refine grain structure, improve mechanical properties, and remove impurities. Vacuum annealing helps to prevent surface oxidation and maintain the material's desired properties.
Magnetic Materials: Certain magnetic materials like soft magnetic alloys, electrical steel, and permanent magnet materials can undergo vacuum annealing to optimize their magnetic properties, such as saturation magnetization, coercivity, and permeability.
Semiconductors: Vacuum annealing is also employed in the semiconductor industry to anneal silicon wafers and other semiconductor materials. Vacuum annealing helps to remove impurities, repair crystal defects, and enhance electrical performance.
It's important to note that the specific materials and alloys annealed in a core special-purpose vacuum annealing furnace can vary depending on the application and industry requirements. Each material may have specific temperature and time requirements for the annealing process to achieve the desired properties.

Basic Info.

Model NO.	GGG
Drying Medium	Inactive Gas, Superheated Steam, Effluent Gas, Air
Operational Method	Continuous
Application Area	for Electrical Insulators
Standard	KCB Series Standard
Turn-Key Projects	One-Step Service
Specification	900*900*900
Origin	China
Production Capacity	60000PCS/Year

Material Status	Solution, Strap
Operation Pressure	Vacuum

Basic Info.

Pouring Pot Size mm	2200X3000
Mixing Bowl	300L
Product Name	Vacuum Casting Equipment
Transport Package	Wooden
Trademark	JC
HS Code	84292990

Product Description

Vacuum heat treatment furnace

Model NO.	GGG
Drying Medium	Inactive Gas, Superheated Steam, Effluent Gas, Air
Operational Method	Continuous
Application Area	for Electrical Insulators
Standard	KCB Series Standard
Turn-Key Projects	One-Step Service
Specification	900*900*900
Origin	China
Production Capacity	60000PCS/Year

Material Status	Solution, Strap
Operation Pressure	Vacuum
Pouring Pot Size mm	2200X3000
Mixing Bowl	300L
Product Name	Vacuum Casting Equipment
Transport Package	Wooden
Trademark	JC
HS Code	84292990

NO.	Model	Service area mm	Amount of charge KG	The highest temperatur	Tmperature uniformi	Limited vacuum Pa	Rate of pressure rise(pa/L)	Working pressure(Mpa
1	KL-2000	1300X1000X1200	2000	2000	±5	0.4/0.0067	0.67	Vacuum
2	KL-2500	1300X1200X1200	2500	2000	±5	**0.4/0.0067**	0.67	Vacuum
3	KL-3000	2600X1000X1200	5000	2000	±5	0.4/0.0067	0.67	Vacuum
4	KL-3500	**1300X1200X120C**	5500	2000	±5	**0.4/0.0067**	0.67	Vacuum

Above sizes are reference only and can be customized according to user requirements for various models of vacuum furnace.

Overview

KM Series of coal, oil and gas phase drying equipment is the use of kerosene heating evaporation under vacuum condition, become hot keros- ene evaporates, met lower-temperature condensation of the workpiece in the vacuum tank, releasing latent heat of condensation (306.6KJ/KG)
And heating of the body. Condensation paraffin is collected through fuel delivery system back into the evaporator, heat evaporation again, and so many times, operating temperatures continue to rise, water constantly ev- aporates into water vapor, is drained by vacuum system, and ultimately achieve the goal of completely dry.
KM Series of coal, oil and gas-phase drying equipment to fuel the
steam for heat transfer fluids, convective heat and condensation heat tra- nsfer in vacuum and low temperature condensed the more intense the heat more, therefore the body temperature uniformity.

Main technical characteristics

1,KL Vacuum heat treatment furnace series is widely used in electric power, mold manufacturing, auto industry, machinery, electronics and high-tech materials industry.
2,Type of heat treatment equipment: vacuum high-pressure gas que-
nching furnace (6-20bar),Vacuum, vacuum sintering furnace, vacuum oil quenching furnace annealing(tempering)furnace, vacuum core special furnace and so on. Also according to the customer request non-standard vacuum furnace.
3,Equipment composition: heating systems, vacuum systems, vacuum furnace, cooling system, cooling system, pneumatic system, pneumatic system, electric control system (optional touch screen).
4 ,KL Main series vacuum furnaces for the double-layer water cooling
structure, shell made of carbon steel or stainless steel, graphite and
metal of boiler furnace of boiler two: Metal furnace heating element moly- bdenum / Tungsten / Nickel material, heat shield with metal molybdenum / Tungsten / Nickel / The stainless steel material. Temperature control using
Japan Island electric temperature control instrument, the other is controlled by Japan's Mitsubishi series PLC main electrical appliances imported.

My Company:

is a high-tech private enterprise, it has a experienced term, which more than ten years engaged in research and development, design, manufacture and installation of vacuum equipment. Besides, it is not only committed to build high quality brand about vacuum equipment, but it also has prodcuts, which are widely used in impregnating, epoxy resin pouring, drying, and note oil processing in some industries(like metal heat treatment, transformer, and transformer device, reactor device, reg- ulator device, high pressure electrical, motor, capacitor, switch and other similar industries).
Relying on strong technical advantages and scale advantages, and it also dedicated itslef to develop Vacuum application technology and relative vacuum equipment Main products are differnent kinds of vacuum casting equipments, vacuum drying equipment, vacuum impregnation equipment, vacuum oiling device equipment, and vacuum heat treatment equipment.
The most important of this company is product qualitu, and it strictly follows international quality certification system, implmentcation od quality poliy about'creating a Kerry brands, buliding first-class equipment, following innovation for development, and being in accordance with customer service.It also provides the best solution, higher quality products and more valuable and efficient after-sales service for
new and old customers.

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Vacuum heat treatment furnace

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